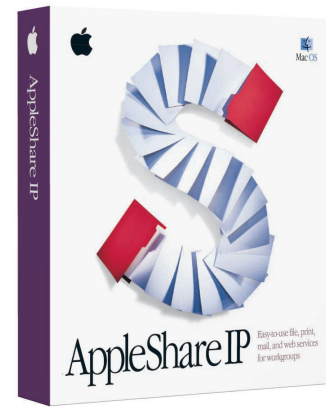




# AppleShare IP 6.3

Powerful and easy-to-use file, print, mail, and web services.



## Key Features

### Powerful file transfer capabilities

- Share user names and passwords across servers
- Create personal home folders automatically
- Search shared folders and volumes through indexed Sherlock Find technology

### Flexible print services

- Allow administrator to release print jobs one at a time without putting the queue on hold
- Support users and printers on any combination of TCP/IP and AppleTalk networks
- Distribute print jobs automatically across as many as 10 printers per queue

### Versatile e-mail support

- Block unwanted mail with Realtime Blackhole List (RBL) support (online list of known spammers)
- Retrieve and redistribute mail from remote POP mail servers
- Assign users to different mail servers via shared Users and Groups support
- Share IMAP folders between mail users
- Verify the mail database automatically at startup

### Ready-to-use web server

- Index web sites with the Sherlock web plug-in
- Provide high-speed throughput with up to 25 million connections per day
- Host up to 50 unique web sites

### Efficient remote administration

- Use the new integrated management interface both locally on the server and remotely over TCP/IP
- Manage and configure AppleShare IP 6.3 services from a web browser
- Manage user information on a single server and have it replicate across additional servers
- Register key services with Service Location Protocol, allowing access via TCP/IP

### Security

- Protect the server through the built-in firewall
- Prevent spam mailings and control with whom your server exchanges mail

Faster. Scalable. More secure. Greater accessibility. If you need a powerful yet simple way to communicate and exchange information, you'll find AppleShare IP 6.3 software an invaluable tool. Install any combination of its integrated file, print, mail, and web servers as needed. Basic setup takes only minutes, and ongoing server management is simple with shared users and groups and its new, fast remote-administration interface. The services of AppleShare IP 6.3 work over TCP/IP and AppleTalk networks, and its native SMB support for Windows clients means it looks just like a Windows NT file server in the Network Neighborhood of Windows users.

Because it supports AFP, FTP, and SMB file transfer protocols, AppleShare IP 6.3 lets users access information via your intranet, the Internet, or an AppleTalk network. It is also optimized for exceptional performance across today's high-speed networks—the file server provides the fastest possible throughput for Macintosh clients as well as high-speed transfers for Windows clients.

Printers and workstations can be located on any combination of AppleTalk and TCP/IP networks. AppleShare IP 6.3 allows you to place new print jobs on hold and release them one at a time without putting the queue on hold. And AppleShare IP 6.3 supports secure printing from both Mac OS- and Windows-based clients.

Electronic mail has become an indispensable service for any organization. AppleShare IP 6.3 supports the SMTP, POP, and IMAP protocols, allowing you to select the best client- or host-based solution for your users. AppleShare now also supports remote POP account download. Trouble with spam? Prevent unwanted mail with extensive anti-spam tools, including support for Realtime Blackhole List (RBL) sites.

AppleShare IP 6.3 also includes a powerful web server so your organization can set up its own intranet and Internet web sites to share information. Built-in support for plug-ins and CGIs lets you add your own powerful features to the server, and AppleShare can host up to 50 web sites from one server.

Sherlock is now integrated with AppleShare IP 6.3, allowing fast web site searches. Or use Sherlock to index any volume to find exactly what you need.

AppleShare IP 6.3: Experience the power and convenience of integrated file, print, mail, and web services.





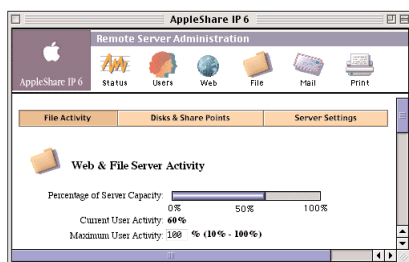
## Specification Sheet

### AppleShare IP 6.3

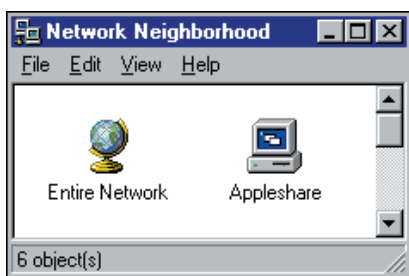
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Manage servers with the efficient remote interface.



AppleShare IP 6.3 also allows remote administration from any web browser.



AppleShare services are available inside the Network Neighborhood of Windows users.

## Features

### Centralized, easy administration

Shared users and groups

Native TCP/IP services

Expanded Users and Groups database

User folders

Simplified cache panel

Simplified client experience

User account access with administrator password

Remote administration

Support for both server- and client-based user authentication modules

Ability to limit guest access to any combination of FTP, AFP, SMB, and web services

### Powerful file transfer capabilities

Dynamic cache tuned for performance

Support for the Apple Filing Protocol (AFP), the Server Message Block (SMB) protocol, and the Internet-standard File Transfer Protocol (FTP)

Intelligent AppleShare client software for Macintosh computers

Support for up to 500 simultaneous AFP, SMB, and/or FTP connections

WINS registration

Auto-encoding of files during FTP transfers

Asynchronous log-ins

FTP aliases

### Powerful search technology

Apple's new Sherlock Find technology

## Benefits

- Allows administration of user, group, and password information from a primary server
- Can have up to 10 secondary servers share user information from a single primary server

- Registers key services, such as file and print services, with Service Location Protocol for locating via TCP/IP

- Allows up to 10,000 users in your AppleShare registry

- Lets you assign a personal name folder at user setup
- Allows organization by group assignment for easy administration
- Lets you set up personal web folders for designated users

- Allows you to set the maximum amount of memory available

- Allows user to see only accessible folders in the Chooser
- Presents user's home folder as a mountable volume

- Lets administrator log in under any user name with the administrator password to view user access levels

- Uses the same new integrated administration application both locally on the server and remotely over TCP/IP
- Lets you manage and configure AppleShare services from any client via a web browser
- Lets you add users, change passwords, or administer jobs in a print queue from your desk or over a PPP connection

- Enables developers to add advanced security features, such as accessing an external authentication directory

- Gives you greater control over who accesses your information

- Provides outstanding performance for both Macintosh and Windows clients

- Lets authorized users access files over your intranet, the Internet, or an AppleTalk network
- Makes an AppleShare IP 6.3 file server look just like a Windows NT file server in the Network Neighborhood of Windows users

- Automatically uses the faster TCP/IP protocol when both TCP/IP and AppleTalk are available on a server
- Allows users to connect to AppleShare servers via IP addresses and URLs

- Scales to meet file-sharing demands
- Helps you support all users with one file server

- Allows an AppleShare file server to join a Windows NT intranet for easy location by Windows clients

- Eliminates the need to store duplicate files for AFP and FTP users
- Includes new client software that lets users cancel a TCP connection and immediately regain use of their computers

- Lets you organize the FTP server however you like, without having to duplicate the same file in multiple locations

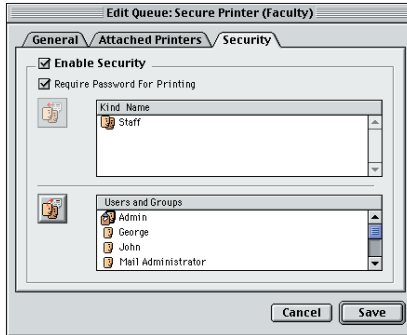
- Find files faster on server volumes
- Allow indexing of shared folders or volumes
- Control access privileges—users receive search results only for files to which they have been assigned access
- Index a variety of documents, including PDF and HTML files



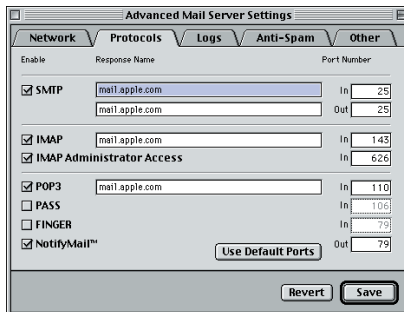
## Specification Sheet

### AppleShare IP 6.3

3



Protect access to printers by securing the print queue.



AppleShare IP 6.3 supports Internet-standard mail protocols.



Use Sherlock to index web sites.

## Features

## Benefits

### Efficient print services

Support for both TCP/IP and AppleTalk networks

Ability to receive LPR/LPD print jobs

Controlled user access (on a per-queue basis)

Support for multiple queues

Support for server-side PostScript printer descriptions (PPDs)

- Lets users access printers over either network; queues can include printers on both networks

- Allows printing over the Internet
- Enables the AppleShare print server to receive jobs from many different clients, including Windows 95, 98, and NT and UNIX
- Enables it to send jobs to a wide range of output devices

- Ensures that only authorized persons use specific printers
- Enables queue security by name authentication (Mac and Windows) or by name and password (Mac only)

- Permits up to 10 queues with as many as 10 printers in each queue (up to a total of 30 printers)

- Allows the server to pass on printer-specific information such as paper-handling characteristics

### Versatile e-mail support

IMAP support

POP and APOP support

SMTP support

Remote mail administration

Single-copy message storage

Single or dual IMAP/POP3 in box

Server-side IMAP search capability through Sherlock indexing of the mailstore

Definable host list for e-mail exchange

Realtime Blackhole List support

Remote POP account download support

Automatic blind copying (BCC) on incoming mail from specified hosts

- Allows users to store mail on a central server

- Provides standard Internet mail retrieval protocols

- Enables AppleShare to exchange mail with standard Internet mail servers

- Lets you manage the message database from any IMAP client

- Minimizes hard disk space and network bandwidth use

- Gives users greater flexibility in mail retrieval, such as having a POP mailbox for office use and an IMAP mailbox for mobile use

- Lets users take advantage of fast server-based searches
- Avoids the bottlenecks of performing client-based searches

- Helps you control unwanted incoming mail
- Lets you control what servers your users can receive mail from

- Allows you to block messages from known spam sources

- Allows you to retrieve mail from remote POP accounts and redistribute messages to user or group mail accounts

- Enables administrators or designated users to track e-mail coming from certain sites

### Easy-to-use web server

Sherlock web plug-in support

Built-in HTTP server

Multihosting

Support for HTTP 1.1 protocol features

Support for CGIs and WebSTAR 1.2 compatible plug-ins

Controlled access

Web aliases

Support for custom error pages

Upload plug-in

- Enables indexing of web sites
- Allows any web browser to search the indexed web site by calling on Sherlock at the server

- Enables authorized users to set up intranet and Internet web sites
- Shares dynamic cache with the file server for best performance

- Can host up to 50 unique web sites
- Enables multiple sites to appear as different hosts within one domain and have unique domain names

- Permits persistent connections for improved web performance
- Lets you extend the capabilities of the server with custom or ready-to-use extensions

- Protects files on your server through access privileges and password security

- Lets you organize the web server however you like, without having to duplicate files in multiple locations

- Allows you to give web visitors helpful information when they try to access a nonexistent or inappropriate page

- Lets you post documents to the server using any web browser



## Specification Sheet

### AppleShare IP 6.3

4

## Who Should Buy AppleShare IP 6.3?

- Small businesses that want to run their own file, mail, print, and/or web servers
- Workgroups that have been using the built-in file-sharing capabilities of the Mac OS but now need higher performance and more robust features for better collaboration
- Larger workgroups that need scalable network services to handle hundreds of simultaneous users and offer advanced features such as custom user authentication modules
- Mixed-operating system workgroups that need network services everyone can use
- Any group that wants to implement an Internet-compatible electronic-mail system
- AppleShare 4.0, 5.0, and 6.x users who want higher performance and/or the ability to interoperate in a Windows NT network environment or share user information between multiple servers

## 10 Great Reasons to Buy AppleShare IP 6.3

1. Locate key services directly over TCP/IP—no AppleTalk required
2. Administer users and groups across multiple servers from a single server
3. Create personal storage folders for users automatically
4. Use Sherlock to index and search any shared volume, folder, or web site
5. Block spam with Realtime Blackhole List support
6. Download and redistribute mail from a remote POP account
7. Control access to print queues for both Mac and Windows clients
8. Host up to 50 unique web sites
9. Share files quickly and efficiently
10. Balance print traffic automatically across as many as 10 printers per queue

## For More Information

For more information about this product, or to find out where to buy Apple products—through a reseller or from the Apple Store—visit [www.apple.com](http://www.apple.com) or call 800-538-9696.

Apple Computer, Inc.

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## Product Details

### File server

- File-sharing protocols supported:
  - Apple Filing Protocol (AFP) over TCP/IP and AppleTalk
  - Server Message Block (SMB) over TCP/IP
  - File Transfer Protocol (FTP) over TCP/IP
- Registers file server with Service Location Protocol (SLP)
- Files automatically encoded by AppleShare IP when requested by an FTP client
- Dynamic file and directory caches for expedited delivery of frequently requested files
- Support for anonymous FTP sessions (users get the same privileges as AppleShare "Guest" accounts)
- Maximum number of connected users: Up to 500, depending on the server hardware and AppleShare license agreement
- Maximum unique open files: 3,000 forks (data and resource)
- Maximum number of physical volumes and share points combined: 150 (excluding user home folders)
- Maximum number of users and groups in the Users and Groups data file: 10,000
- Maximum simultaneous launches of network applications: Up to 500 (depends on application licensing)
- Maximum volume size: 2 terabytes

### Print server

- Supported protocols: PAP (AppleTalk) and LPR/LPD (TCP/IP)
- Registers each print queue with Service Location Protocol (SLP)
- Supported printers: Apple LaserWriter printers, third-party PostScript printers that support the LaserWriter 8.4 and later printer drivers, and LPR/LPD-compatible printers
- Controlled access to print queues
- Maximum number of attached printers: 30
- Maximum number of queues: 10
- Maximum number of printers per queue: 10
- Maximum number of concurrent connections: 32
- Maximum number of concurrent jobs: 500

### Mail server

- Mail protocols supported:
  - Internet Message Access Protocol (IMAP)
  - Simple Mail Transfer Protocol (SMTP)
  - Post Office Protocol (POP)
  - Authenticated Post Office Protocol (APOP)
- Mail storage in a single database instead of as separate mail files
- Maximum message size: 512MB
- Maximum recipients per message (before expansion of group names): 4,096
- Supported character sets: 1-byte and 2-byte (through 8-bit transparency)

- Maximum transfers per POP connection: 2,048
- Maximum incoming connections: 1,024
- Maximum POP and IMAP connections: 2,048
- Maximum IMAP folders per user: 1,000
- Maximum messages per IMAP folder: 1,000
- Maximum folder name size: 128 bytes
- Maximum IMAP folder path depth: 32 folders or 256 characters
- Maximum unique messages stored on the mail server: Approximately 1,000,000
- Maximum size of the mail database folder: 2GB

### Web server

- Registers each hosted web site with Service Location Protocol (SLP)
- Web protocol supported: Hypertext Transfer Protocol (HTTP) 1.1
- Common Gateway Interface (CGI) support for extending the capabilities of the web server
- Access logs
- Directory browsing
- Customizable error pages
- Support for keep-alive
- WebSTAR API support: Version 1.2

## System Requirements

- Any iMac, Power Macintosh, Macintosh Server, or Workgroup Server with a PowerPC G4, G3, 604e, 604, or 601 processor
- Mac OS 9 (included)
- 80MB of RAM without virtual memory; 64MB of RAM with virtual memory
- 250MB of hard disk space

## Ordering Information

All packages include:

- AppleShare IP 6.3 software CD
- Mac OS 9 software CD
- AppleShare IP 6.3 getting started manual
- Network Assistant 4 administrator's CD and manual

### AppleShare IP 6.3 10-Client Version

Order No. M7730Z/A

### AppleShare IP 6.3 50-Client Version

Order No. M7731Z/A

### AppleShare IP 6.3 500-Client Version

Order No. M7729Z/A

### AppleShare IP 4.x/5.x/6.x to 6.3 Upgrade

Order No. M7728Z/A

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